

The objective of the present invention is to provide a method and a computer apparatus for integrating a plurality of gateways and to provide such a gateway aggregate so that a larger service capacity can be accomplished. In one embodiment, the gateways are implemented into low-priced personal computers with minor service capacity in order to lower the cost of the inventive gateway aggregate as compared to prior art. The computer apparatus serves as a portal for mobile devices through which roaming users can get connected to network servers accessible to the gateways and exchange data therewith. Furthermore, the portal computer apparatus distinguishes between connection-oriented and connectionless transmissions and has the two different data transmissions handled properly.